

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

C

2

Attorney Docket Number

Complete if Known

Application Number

09/938.956

Filing Date

AUGUST 24, 2001

First Named Inventor

DICOSIMO ET AL.

Group Art Unit

UNKNOWN

Examiner Name

UNKNOWN

Attorney Docket Number

CL1809 US NA

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

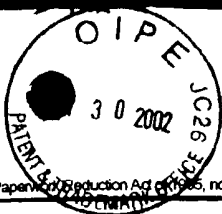
Examiner
Signature

Date Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols asindicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/938,956
Filing Date	AUGUST 24, 2001
First Named Inventor	DICOSIMO ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1809 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
me		Colby et al., 4S-Limonene synthase from the Oil Glands of Spearmint (<i>Mentha Spicata</i>), Journal of Biological Chemistry, American Society of Biological Chemists, Vol. 268, NO. 31, November 5, 1993, pp. 23016-23024, XP000939217	<input type="checkbox"/>
me		Bohlmann et al., Monoterpene Synthases from Grand Fir (<i>Abies Grandis</i>) cDNA Isolation, Characterization, and functional Expression of Myrcene Synthase, (-)-(4S)-Limonene Synthase, and (-)-(1S,5S)-Pinene Synthase, Journal of Biological Chemistry, American Society of Biological Chemists, Vol. 272, No. 35, August 29, 1997, XP000938120	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
Signature

N. Ghed 5/24/04

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

→ +

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/938,956
Filing Date	AUGUST 24, 2001
First Named Inventor	DICOSIMO ET AL
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1809 US NA

(use as many sheets as necessary)

Sheet 1 of 1

of 3

Attorney Docket Number

CL1809 US NA

[illegible][illegible]

~~Sheet~~ 5/24/04

Date
Considered

* Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	09/938,956
Filing Date	AUGUST 24, 2001
First Named Inventor	DICOSIMO ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1809 US NA

(use as many sheets as necessary)

Sheet 2 of 3

DEC 18 2001

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NE		Yuba et al., Arch Biochem Biophys 332:280-287, 1996	
NE		Sharpe, D. H., BioProtein Manufacture 1989. Ellis Horwood series in applied science and industrial technology New York: Halstead Press.	
NE		Villadsen, John, Recent Trends Chem. React. Eng., Proc. Int. Chem. React. Eng. Conf., 2 nd , 1987, Volume 2, 320-333. Editors Kulkarni et al., Publisher: Wiley East, New Delhi, India.	
NE		Naguib, M., Proc. OAPEC Symp. Petroprotein, Pap. 1980, Meeting Date 1979, 253-277, Publisher Organ. Arab Pet. Exporting Countries, Kuwait, Kuwait	
NE		Tsien et al., Gas, Oil, Coal, Environ. Biotechnol. 2, Pap. Int. IGT Symp. Gas, Oil, Coal. Environ. Biotechnol., 2nd, 1990, 83-104. Editors Akin et al., Publisher: Inst. Gas Technol. Chicago, IL	
NE		Merkley et al., Biorem. Recalcitrant Org., Pap. Int. In Situ On-Site Bioreclam. Symp., 3 rd , 1995, 165-74. Editors Hinchee et al., Publisher: Battelle Press, Columbus, OH	
NE		Meyer et al., Microb. Releases, 1993, 2(1), pp. 11-22	
NE		Murrell et al., Arch. Microbiol., 2000, 173(5-6), 325-332	
NE		Grigoryan, E. A., Kinet. Catal., 1999, 40(3), 350-363	
NE		Lois et al., Proc. Natl. Acad. Sci. USA 95: 2105-2110, 1998	
NE		Takahashi et al., Proc. Natl. Acad. Sci. USA 95: 9879-9884, 1998	
NE		Swiss Prot#Q46893	
NE		Rohdich et al., Proc. Natl. Acad. Sci. USA 96: 11758-11763, 1999	
NE		SwissProt #P24209	
NE		Luttgen et al., Proc. Natl. Acad. Sci. USA, 97: 1062-1067, 2000	

Examiner Signature

N. Ahmed 5/24/04

Date Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 03 of 3**Complete if Known**

Application Number	09/938,956
Filing Date	AUGUST 24, 2001
First Named Inventor	DICOSIMO ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1809 US NA

DEC 1 P 2001

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NE		Herz, Proc. Natl. Acad. Sci. USA 97: 2486-2490, 2000	
NE		SwissProt #P36663	
NE		Weng et al., J. Biol. Chem., 261: pp 5568-5574, 1986	
NE		Lange and Croteau, Proc. Natl. Acad. Sci. USA 96: 13714-13719, 1999	
NE		Cunningham et al., J. Bac. 182 No. 20: 5841-5848, 2000	
NE		Onto et al., Plant Mol. Biol. 40(2), 307-321, 1999	
NE		Beschastnyi et al., Inst. Biochem. Physiol. Microor., Pushchino, Russia, Biokhimiya (Moscow) 1992, 57(8), pp. 1215-1221	
NE		Shishkina et al., Inst. Bikhim. Fiziol. Mikroorg., Pushchino, Russia, Mikrobiologiya, 1990, 59(4), 533-8	
NE		Trotsenko et al., Studies on Phosphate metabolism in obligate methanotrophs, Fems Microbiology Reviews 87, 1990, pp. 267-272	

Examiner
Signature

NE [Signature] 5/24/01

Date
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.